

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A method of supporting real-time traffic in a mobile radiocommunications system comprising a ~~GERAN radio access network~~ GSM/Edge Radio Access Network (GERAN) and a core network, the method comprising:

supporting the real-time traffic in the GERAN ~~radio access network~~ by allocating dedicated channels to said real-time traffic; and

supporting the real-time traffic in a packet mode in the core network ~~connected to~~, the core network connected to the GERAN ~~radio access network~~ via a Gb interface;

wherein said dedicated channel allocation is performed on creating a packet flow context (PFC) in the GERAN.

2.-3. (canceled).

4. (currently amended): A method according to claim 31, in which said packet flow context contains QoS parameters to be offered by the radio access network and negotiated with the network core.

5. (previously presented): A method according to claim 1, in which said real-time traffic corresponds to at least one media flow in a multimedia session.

6. (previously presented): A method according to claim 1, in which said dedicated channel allocation makes use of an allocation procedure comprising a paging message followed by access to the network.

7. (canceled).

8. (currently amended): A method according to claim 1, in which:

a mobile station to which dedicated channels have been allocated in this way transmits information to the network relating to its own identity; and

on the basis of said information, ~~the network~~ a Base Station Subsystem BSS associates ~~a~~ a request for packet flow context received from the core network, with a newly established connection with said mobile station, and where appropriate, dedicated channel reallocation is performed in order to satisfy the quality of service required for the mobile station.

9. (currently amended): A ~~GERAN radio access network~~ GSM/Edge Radio Access Network (GERAN) equipment connected to a packet core network via a Gb interface, the equipment comprising:

a module which supports real time traffic by ~~allocation of~~ allocating dedicated channels to said real time traffic,

wherein said module performs said allocation on creating a packet flow context (PFC) in the GERAN.

10. (canceled).

11. (currently amended): A mobile station for a radio mobile communication system comprising a ~~GERAN radio access network~~ GSM/Edge Radio Access Network (GERAN) equipment connected to a packet core network via a Gb interface, said mobile station comprising:

a module which supports ~~real time traffic by allocation of~~ allocation of dedicated channels to ~~said~~ real time traffic,

wherein said dedicated channel allocation is performed on creating a packet flow context (PFC) in the GERAN.

12.-15. (canceled).

16. (new): A method according to claim 1, comprising:

on reception from the core network of a request for packet flow context creation, a Base Station Subsystem BSS sending a Circuit Switched CS paging to a mobile station,

on reception of said CS paging, the mobile station initiating a random access procedure requesting allocation of dedicated resources.

17. (new): A method according to claim 1, comprising:

on reception from the core network of a request for packet flow context creation, a Base Station Subsystem BSS sending to a mobile station a message containing allocated resources.

18. (new): A GERAN equipment according to claim 11, wherein said packet flow context contains QoS parameters to be offered by the radio access network and negotiated with the network core.

19. (new): A GERAN equipment according to claim 11, wherein said real-time traffic corresponds to at least one media flow in a multimedia session.

20. (new): A GERAN equipment according to claim 11, wherein said module makes use of an allocation procedure comprising a paging message followed by access to the network.

21. (new): A GERAN equipment according to claim 11, further comprising a Base Station Subsystem BSS which:

on reception from the core network of a request for packet flow context creation, sends a Circuit Switched CS paging to a mobile station, and

on reception of a message from the mobile station initiating a random access procedure requesting allocation of dedicated resources, allocates dedicated resources to the mobile station.

22. (new): A GERAN equipment according to claim 11, further comprising a Base Station Subsystem BSS which:

on reception from the core network of a request for packet flow context creation for a mobile station, sends to the mobile station a message containing dedicated allocated resources.

23. (new): A GERAN equipment according to claim 11, further comprising a Base Station Subsystem BSS which:

on the basis of information relating to the own identity of a mobile station to which dedicated channels have been allocated, associates a request for packet flow context received from the core network, with a newly established connection.

24. (new): A mobile station according to claim 19, wherein said packet flow context contains QoS parameters to be offered by the radio access network and negotiated with the network core.

25. (new): A mobile station according to claim 19, wherein said real-time traffic corresponds to at least one media flow in a multimedia session.

26. (new): A mobile station according to claim 19, wherein said module makes use of an allocation procedure comprising a paging message followed by access to the network.

27. (new): A mobile station according to claim 19, wherein said module is configured to:

on reception from a Base Station Subsystem of a Circuit Switched CS paging from Packet Switched PS domain, initiate a random access procedure requesting allocation of dedicated resources.

28. (new): A mobile station according to claim 19, wherein said module is configured to:

on reception from a Base Station Subsystem BSS of a message containing allocated resources, activating said allocated resources.

29. (new): A mobile station according to claim 19, wherein said module is configured to:

transmit information to the network relating to its own identity, to enable a Base Station Subsystem BSS to associate a request for packet flow context received from the core network, with a newly established connection.